PA Breakout one

* to explore the differences between multiplicative and additive thinking (within proportional reasoning)
* to reflect on the ways in which we respond to students in the moment.

PR Breakout 2

* to extend our understanding of the big ideas of proportional reasoning through hands-on experiences.
* to explore and experiment with learning goals and success criteria.

PR Breakout 3

* participants will focus on providing feedback to move towards the attainment of learning goals based on success criteria generated by big ideas, curriculum expectations, and learning goals.

PR Breakout 4

* to investigate resources and instructional approaches to support students who struggle in mathematics
* to investigate the use of ‘teaching to the big ideas’ to support students who struggle in mathematics